

1 Attorney Docket No. 84065

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3 HIGH VELOCITY UNDERWATER JET WEAPON

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5 ABSTRACT OF THE DISCLOSURE

6 An assembly, a system and a method of use for producing a  
7 pulsed jet used to carry a high velocity jet of fluid through  
8 water. The energy of this jet is to be used as a weapon against  
9 undersea targets. The assembly includes a pressure chamber, a  
10 manifold, and a nozzle. In use, the pressure chamber is filled  
11 with fluid and a pressure is generated within the chamber by  
12 injecting and igniting fuel adjacent the fluid thereby forcing  
13 the fluid out the nozzle. The forced fluid is directed to  
14 create a high velocity jet of fluid. The fuel can be ignited  
15 repeatedly to produce follow-on jets, each impacting the  
16 preceding high velocity jet.